

Notice of Allowability

Application No.

09/587,765

Examiner

Sajous Wesner

Applicant(s)

SANBORN ET AL.

Art Unit

2676

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. **THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS.** This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1. ☒ This communication is responsive to 4/18/2005.
2. ☒ The allowed claim(s) is/are 13-24.
3. ☒ The drawings filed on 23 December 2004 are accepted by the Examiner.
4. ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
 - a) ☐ All b) ☐ Some* c) ☐ None of the:
 1. ☐ Certified copies of the priority documents have been received.
 2. ☐ Certified copies of the priority documents have been received in Application No. _____.
 3. ☐ Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

* Certified copies not received: _____

Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.

THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.

5. ☐ A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
 6. ☐ CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
 - (a) ☐ including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
 - 1) ☐ hereto or 2) ☐ to Paper No./Mail Date _____.
 - (b) ☐ including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date _____.
- Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
7. ☐ DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

Attachment(s)

1. ☒ Notice of References Cited (PTO-892)
2. ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
3. ☒ Information Disclosure Statements (PTO-1449 or PTO/SB/08),
Paper No./Mail Date 5/3/2004, 4/5/04
4. ☐ Examiner's Comment Regarding Requirement for Deposit
of Biological Material
5. ☐ Notice of Informal Patent Application (PTO-152)
6. ☐ Interview Summary (PTO-413),
Paper No./Mail Date _____
7. ☒ Examiner's Amendment/Comment
8. ☒ Examiner's Statement of Reasons for Allowance
9. ☐ Other _____

DETAILED ACTION

Remark

This communication is responsive to the preliminary amendment and response dated April 18, 2005. Claims 1-12, and 25-34 are canceled. Claims 13-24 are presented for examination.

EXAMINER'S AMENDMENT

1. An examiner's amendment to the record appears below. Should the changes and/or additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR 1.312. To ensure consideration of such an amendment, it **MUST** be submitted no later than the payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with David Thompson on July 19, 2005.

The application has been amended as follows:

In claim 13, at line 5, after "output buffer" insert -, **wherein the background is a raster image-**; and at line 7, after "to" insert -a-, and after corresponding, delete "pixels" and insert -pixel-.

In claim 23, at line 6, after "output buffer" insert -, **wherein the background is a raster image-**.

Allowable Subject Matter

2. Claims 13-24, after further reconsideration, are allowed over the prior art.

Reasons for Allowance

3. The following is an examiner's statement of reasons for allowance:

The present invention is directed to an architecture that implement raster image manipulations in a vector-based description, vice-versa, and/or draw a vector defined shape on top of a raster-based image by replacing the contents of the vector image with the bits from the raster image. The purpose is to enable transformation operations to be undone or reversed with no distortion to the original image by removing the textual vector language instructions in reverse order, so that the manipulated image can be viewed through any browser without requiring the image to be rendered to a single JPG form.

Chan (US 2001/0033284) teaches rendering a vector shape on top of a raster image for manipulation. See paragraph 0035 beginning at the last 6 lines of page 3 and ended at page 4, and also paragraph 0038. Smith (US 6870545) teaches the concept that implements mixing and manipulation of raster images in a vector-based description. See col. 3, lines 23-43. However, Chan and Smith fail to teach the combined features of method claims 13 and 23 in the manner recited in the claims, including generating a vector shape from a vector description in a HTML language page; copying the vector shape to an input buffer; copying a background (raster image) to an output buffer; copying a portion of the output buffer corresponding with the input buffer to the input buffer; and applying vector manipulations to the input buffer for display.

For the aforementioned reason, the limitations of claims 13-24 are allowed over the prior art.

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Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Conclusion

4. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Sajous Wesner whose telephone number is 571-272-7791. The examiner can normally be reached on Mondays thru Fridays between 10:30 and 7:00 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Matthew Bella can be reached on 571-272-7778. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

WS

h7/21/05



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